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Total # of Pages /6 (including this page)

TO:	PHONE #:	FAX #:
Examiner Nicole M. Barreca	(571) 272-1379	(571) 273-1379
United States Patent and Trademark Office		

From: Paul S. Hunter

Email Address: plunter@foley.com

Sender's Direct Dial: (608) 258-4292

Date: August 19, 2004

Client/Matter No: 039153-0447

User ID No: 1669

MESSAGE:

U.S.S.N. 10/016,439 Re:

Dear Examiner Barreca:

Per our telephone conversation, attached for filing please find a copy of the following documents:

- Copy of Auto-Reply Facsimile Transmission dated 7/20/04 (1 page)
- Transmittal of Terminal Disclaimer (1 page)
- Terminal Disclaimer (13 pages)

If there are any problems with this transmission or if you have not received all of the pages, please call 608.258.4252.

Operator:	Time Sent:	Return Original To: Nancy L. Kimball

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Received Cover Page

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Total # of Pages <u>15</u>	-	RANSMISSION
To:	WHOME &	FAX de:
Examiner Nicole M. Barrott United States Potent and Trademark Office	(571) 272-1378	(703) 872-9306
From: Paul S. Hu Email Address: plaumer@d Scader's Direct Dist: (608) 258- Date: July 20, 20 CS-MARITHE No: U99153-04 Upon th No: 1669 MESSAGE: Re: U.S.S.N. 10016,439 Dear Examiner Borreca: Attached for Elling please find a copy of the follow Transmittal of Turniand Directalmer (1 page)	oley.com 4292 04 47 	
Operator. Time Sons any problems with this received all of the pages, properties. Time Sons. Operator. Time S	Reser out 604.256/4252. Resum O Nosco	niginal To: C. Kirntali

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AUG 1 9 2004

T-034 P.003/016 F-831



Atty. Dkt. No. 039153-0447 (G1152)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lukanc et al.

Title:

METHOD OF EXTENDING THE

AREAS OF CLEAR FILED PHASE SHIFT GENERATION

Appl. No.:

10/016,439

Filing Date:

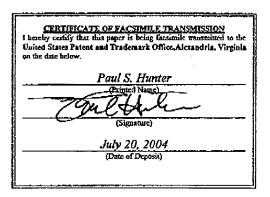
12/11/2001

Examiner:

Nichole M. Barreca

Art Unit:

1756



TRANSMITTAL OF TERMINAL DISCLAIMER

Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Applicants file herewith a Terminal Disclaimer with respect to the above--referenced patent application. The Commissioner is hereby authorized to charge any fees that may be required with respect to this Disclaimer to Deposit Account No. 50-2350.

Respectfully submitted,

Dated: July 20, 2004

FOLEY & LARDNER LLP

Customer Number: 23524

Telephone:

(608) 258-4292

Facsimile:

(608) 258-4258

Paul S. Hunter

Attorney for Applicants Registration No. 44,787

AUG 1 9 2004



Atty. Dkt. No. 039153-0447 (G1152)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Lukanc et al.

Title:

METHOD OF EXTENDING THE

AREAS OF CLEAR FIELD PHASE SHIFT GENERATION

Appl. No.:

10/016,439

Filing Date:

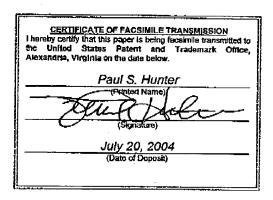
12/11/2001

Examiner:

Nicole M. Barreca

Art Unit:

1756



TERMINAL DISCLAIMER

Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

Sir:

Your Petitioner, Advanced Micro Devices, Inc., having its principal place of business at 1160 Kern Avenue, Sunnyvale, CA 94088 (hereinafter represents that it is the owner of the entire right, title, and interest in and to U.S. Patent Application Serial No. 10/016,439, filed 12/11/2001, by virtue of an Assignment filed and recorded on 12/11/2001, on Reel/Frame 012392/0298, in the United States Patent and Trademark Office, a copy of which is attached hereto as APPENDIX A. Further, your Petitioner represents that it is the owner of U.S. Patent No. 6,749,971, filed 12/11/01, by virtue of an Assignment filed and recorded on 12/11/01 on Reel/Frame 012389/0107, a copy of which is attached hereto as APPENDIX B.

Your Petitioner, Advanced Micro Devices, Inc., hereby disclaims the terminal part of the term of any patent granted on U.S. Patent Application 10/016,439 which would extend beyond the full statutory term, as shortened by any terminal disclaimer, of U.S. Patent No. 6,749,971, and hereby agrees that any patent so granted on U.S. Patent Application 10/016,439

shall be enforceable only for and during such period that the legal title to any patent granted on U.S. Patent No. 6,749,971, this agreement to run with any patent granted on U.S. Patent Application 10/016,439 and to be binding upon the grantee, its successors or assigns.

In making the above disclaimer, Petitioner does not disclaim any terminal part of any patent granted on U.S. Patent Application 10/016,439, prior to the full statutory term of U.S. Patent No. 6,749,971 as defined in 35 U.S.C. §§154-156 and 173, in the event that U.S. Patent No. 6,749,971, expires for failure to pay a maintenance fee, is held unenforceable or is found invalid in a final judgment by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR §1.321(a), has all claims canceled by a reexamination certificate or as a result of an interference proceeding, or is otherwise not deemed to provide the rights conveyed by 35 USC §154, prior to the full statutory term of any patent granted on U.S. Patent Application 10/016,439 as defined in 35 USC §§154-156 and 173, except for the separation of legal title stated above. Further, Petitioner does not disclaim any terminal part of a patent granted on U.S. Patent Application 10/016,439 that would extend beyond the present termination of U.S. Patent No. 6,749,971, in the event that such present term is extended by virtue of compliance with the conditions for term extension of any present or future patent term extension provisions of the patent law, including but not limited to 35 U.S.C. §§155, 155A or 156, and without waiving Petitioner's right to extend the term of a patent granted on U.S. Patent Application 10/016,439 to the extent provided by law.

The undersigned, being the Attorney of Record for U.S. Patent Application 10/016,439, and duly authorized to act on behalf of Petitioner, certifies that he has reviewed the Assignments attached as APPENDICES A and B and to the best of his knowledge and belief, legal title to U.S. Patent Application 10/016,439 and U.S. Patent No. 6,749,971 rests with Petitioner, Advanced Micro Devices, Inc.. The undersigned declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under

Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing therefrom.

Respectfully submitted,

Dated: <u>July 20, 2004</u>

FOLEY & LARDNER LLP

Customer Number: 23524

Telephone:

(608) 258-4292

Facsimile:

(608) 258-4258

Paul S. Hunter

Attorney for Applicants Registration No. 44,787



FEBRUARY 14, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov

FOLEY & LARDNER PAUL S. HUNTER FIRST CENTER 777 EAST WISCONSIN AVENUE MILWAUKEE, WI 53202-5367



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2001

1.00

REEL/FRAME: 012392/0298 NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LUKANC, TODD P.

DOC DATE: 12/05/2001

ASSIGNOR:

SPENCE, CHRISTOPHER A.

DOC DATE: 12/07/2001

ASSIGNEE:

ADVANCED MICRO DEVICES, INC. 1160 KERN AVENUE SUNNYVALE, CALIFORNIA 94088

SERIAL NUMBER: 10016439

PATENT NUMBER:

FILING DATE: 12/11/2001

ISSUE DATE:

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

eries comprehended in the

FE0 25 2002. FOLEY & LARDNER

SEAST AND AND COMPANY OF SAME APPENDIX A

1	12-28	-2001	y. D	kt. No. 03915	3-0447 (G1152)
FORM PTO-1595 (imodified) Rev 6-83) RE			SHEET		MENT OF COMMERCE Patent and Trademark Office
	_101926	649			
To the Director of the United States Pate	nt and Trademark Offic	ee: Please record th	e attached ork	ginal documents	Of copies thereof
1. Name of conveying party(ies):		2. Name and			
Todd P. Lukanc				2,	- -, -
Christopher A. Spence					
		Advanced	Micro De	vices, Ind	:.¦2 ■
	mpt		n Avenue le, CA 940		
	met>	Domiy va.	.e, CA 940	10 8	12.5 12.5 13.5 14.5 15.5 15.5 15.5 15.5 15.5 15.5 15
		·			400 = 2
Additional conveying party(ies)	NO				(5 🚍
3. Nature of conveyance:	MO	-			į
ASSIGNMENT	•				
Execution Date: 12,5/2001 & 12/7/2001 R	espectively	Additional name	e(s) & address	e(ee) attached	, NO
4. Application number(s) or patent nu				(CS) attached	- NO
If this is being filed together with a	new application, the	e execution date o	f the applica	tion ic: 12.	/05/2001 &
			-	12/	7/2001 pectively
A. Patent Application Number	er(s):	B. Pater	nt Number(s):		
10016439					
	Additional numb	 ers attached? NO			j
Name and address of party to who concerning document should be ma	m correspondence iled:	6. Total number	of applicatio	ns/patents inv	olved: 1
Paul S. Hunter		7. Total fee (37	C.F.R. § 3.4	7): \$4	0.00
FOLEY & LARDNER		∠ Check Enclo	sed		1
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777 East Wisconsin Ave Milwaukee, Wisconsin	53202-5367	8. Deposit accou	eposit accour	nτ 06-1447	·
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Statement and signature:	and be start at a fine and				
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ees which may be required in this mat	ter to the above iden	tified deposit acco	unt.	uniy additionar	CCONGRUON
Paul S. Hunter	Lewe	Mark		bec.	11,2001
Name of person signing		Signature	-		Date
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27/2001 REPREDIT 00000079 10016439 1001	al number of pages in	cluding cover she	et, attachme	nts, and docum	ent: 4
FC:581 40.00 0P	/				

01

ASSIGNMENT AND AGREEMENT

WHEREAS, Todd P. Lukanc of 1217 Rockhaven Drive, San Jose, CA 95120 and Christopher A. Spence of 1145 Andover Drive, Sunnyvale, CA 94087; (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled METHOD OF EXTENDING THE AREAS OF CLEAR FIELD PHASE SHIFT GENERATION (Atty. Dkt. No. 039153-0447 (G1152)) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

WHEREAS, Advanced Micro Devices, Inc., a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at 1160 Kern Avenue, Sunnyvale, CA 94088 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper

title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned. and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment. ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this <u>/</u>	<u> 25</u> day of <u>Dec</u> , 20	o <u>Ol</u> .
	$\underline{\mathcal{I}}_{\ell}$	DP. Liban
State of California		TODD P. LUKANC
county of Santa Clare	1g ss.	
	onally known to me to be the same pers edged that he jets signed, sealed, and d	, a notary public in and for said county, appeared on whose name is subscribed to the foregoing elivered the said instrument as his her free and
•		Surona C. Orange
(Seal)	WINONA C. ORANGE	Notary Public My Commission Expires: 04/01/85

Executed this Oday of Dec , 2001.

California

Country of Synta Clara 158.

On this day of DEC., 2001, before me, a notary public in and for said county, appeared CHRISTOPHER A. SPENCE, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, seeled, and delivered the said instrument as higher free and voluntary act for the uses and purposes therein set forth.

Morary Public Mange

My Commission Expires: <u>DU</u>

(Seal)

WINONA C. ORANGE
Commission # 1296145
Notary Public - California
Santa Clara County
My Comm. Expires Apr 1, 2005

341331448



FEBRUARY 13, 2002

FOLEY & LARDNER

PAUL S. HUNTER

FIRSTAR CENTER

PTAS

Under Secretary of Commerce For Intellectual Property and Director of the United States Patent and Trademark Office Washington, DC 20231 www.uspto.gov

777 E. WISCONSIN AVE. MILWAUKEE, WI 53202-5367

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 12/11/2001

REEL/FRAME: 012389/0107

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR .

LUKANC, TODD P.

DOC DATE: 12/05/2001

ASSIGNOR:

SPENCE, CHRISTOPHER A.

DOC DATE: 12/07/2001

ASSIGNEE:

ADVANCED MICRO DEVICES, INC. 1160 KERN AVENUE SUNNYVALE, CALIFORNIA 94088

SERIAL NUMBER: 10016710

PATENT NUMBER:

FILING DATE: 12/11/2001

ISSUE DATE:

SHARON BROOKS, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

APPENDIX B

__.y. Dkt. No. 039153-0448 (G1153)

FORM PTO-1595 (modified) IRay 6-938	10192718	CONTRACTOR	ER SHEET		NT OF COMMERCE
To the Director of the United States Pate	nt and Trademark Office	: Please rec	ord the attached orig	in al documents	or copies thereof.
Name of conveying party(ies):		2. Name	and address of re	ceiving party(ie	s):
Todd P. Lukanc Christopher A. Spence	11-01	1160	anced Micro Do Kern Avenue nyvale, CA 940	-	31050 U.S. PTO 10/016710
Additional conveying party(ics)	NO				
Nature of conveyance: ASSIGNMENT Execution Date:		•			
12/05/2001 & 12/07/2001 4. Application number(s) or patent number(s)		Additiona	l name(s) & addres	ss(es) attached?	NO
If this is being filed together with 10,016716 A. Patent Application Numb)		date of the application	12/ Res	705/2001 & 707/2001 pectively
	Additional number	ers attached	NO	_	
Name and address of party to who concerning document should be ma	•	6. Total r	number of applicati	ions/patents inv	olved: 1
Paul S. Hunter FOLEY & LARDNER Firstar Center 777 East Wisconsin Av Milwaukee, Wisconsin		≚ Chec	ee (37 C.F.R. § 3, k Enclosed ge to deposit acco t account number:	unt	0.00
12/27/2001 DBYRHE 00000043 10016710	DO NOT USE	<u> </u>		, 00-1117	
To the best of my knowledge is a true copy of the original document fees which may be required in this ma	and belief, the foregoi t. The Commissioner	ing informatis hereby a	tion is true and cou	rrect and any at e any additional	tached copy recordation
Paul S. Hunter Name of person signing	atal number of pages in	Signatu		<u>Dac</u>	11, 2001 Date

. 12-28-2001

ASSIGNMENT AND AGREEMENT

WHEREAS, Todd P. Lukanc of 1217 Rockhaven Drive, San Jose, CA 95120 and Christopher A. Spence of 1145 Andover Drive, Sunnyvale, CA 94087; (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled METHOD OF ENHANCING CLEAR FIELD PHASE SHIFT MASKS WITH CHROME BORDER AROUND PHASE 180 REGIONS (Atty. Dkt. No. 039153-0448 (G1153)) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

WHEREAS, Advanced Micro Devices, Inc., a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at 1160 Kern Avenue, Sunnyvale, CA 94088 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper



Page 1 of 3

001.1123683.1

title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

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Santa Clara County Comm. Expires Apr 1, 2005

Page 2 of 3

Executed this On day of Dec , 2001

State of Alifornia 185.

CHRISTOPHER A. SPENCE

(Seal)

WINONA C. ORANGE
Contralession # 1288445
Notary Public - California
Santa Clara County
My Comm. Expires Apr 1, 2005

My Commission Expires: _

Page 3 of 3